

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-12 (cancelled)

Claim 13 (new): A rolling door comprising:
a door leaf which can be rolled up,
a vertical roller casing for accommodating the door leaf,
a sliding bar displaceable in a horizontal direction and on which the roll-up door leaf is fastened, and

a horizontal guide rail located at a top of the door leaf and in which the sliding bar is mounted in a displaceable manner,

wherein the roller casing is fastened on a wall by way of its rear side or its outer side, and

the guide rail is designed as a free guide rail which is fastened, on one side, at least indirectly on the roller casing and, on the other side, in a holder attached at least indirectly to a wall.

Claim 14 (new): The rolling door as claimed in claim 13, wherein:
a guide rail is designed as a hollow profile,
a pulling carriage with running rollers is mounted in a displaceable manner in the hollow profile, and

the hollow profile has exclusively a slot which is open in a downward direction and through which the pulling carriage is connected to the sliding bar.

Claim 15 (new): The rolling door as claimed in claim 14, wherein:
the guide rail is configured as a tube of essentially circular cross section, and
the pulling carriage has at least one pair of running rollers which are arranged to sides of the pulling carriage, have a curved running surface and on which inner surfaces of the tube which are present alongside the slot.

Claim 16 (new): The rolling door as claimed in claim 14, wherein:
a motor for displacing the sliding bar is arranged in or on the roller casing, and
the displacement takes place via a spindle which is driven by the motor, is
preferably arranged in an interior of the guide rail, engages in at least one internal thread in a
pulling carriage and, on a side which is directed away from the roller casing, is mounted in the
holder.

Claim 17 (new): The rolling door as claimed in claim 13, wherein:
a counter-profile is arranged on a side of the door which is located opposite the
roller casing, the counter-profile is fastened on a wall, and the counter-profile is designed for
stopping the sliding bar when the door is closed, and
the holder for the guide rail is designed as a top covering for the counter-profile
and is connected firmly thereto.

Claim 18 (new): The rolling door as claimed in claim 13, wherein a switch
for contactless operation of the rolling door is arranged on the roller casing, which is arranged
perpendicularly to a plane of the door leaf, the switch is designed as a single switch which
activates the motor logically in each case in dependence on the position of the door leaf.

Claim 19 (new): The rolling door as claimed in claim 13, wherein the sliding
bar has a mechanism which allows the sliding bar to tilt if, when the rolling door is being closed,
an obstacle is located in an inside width of the door.

Claim 20 (new): The rolling door as claimed in claim 19, wherein:
the mechanism is designed as a bar or fork which is arranged vertically and
connected rigidly to the pulling carriage and is attached to the sliding bar via a pivot pin arranged
perpendicularly to the door leaf, the pivot pin being arranged in a top third of the sliding bar, and
means fix the sliding bar in a vertical position and release the sliding bar such that
it can be rotated about the pin only when a certain leverage about the pin is exceeded.

Claim 21 (new): The rolling door as claimed in claim 13, wherein the roller casing contains a roller body onto which the door leaf is rolled, the roller body contains a torsion spring such that, when the door leaf is being closed, the torsion spring is unwound from the roller body counter to a spring force, and energy built up is sufficient for rolling up the door leaf onto the roller body again, without any further motor power, when the rolling door is opened.

Claim 22 (new): The rolling door as claimed in claim 21, wherein the door leaf or the roller body is exchangeable, and is formed from an at least partially textile woven fabric.

Claim 23 (new): The rolling door as claimed in claim 13, wherein the rolling door is used as interior shutters, a toilet door, a door for changing cubicles, talk booths, photo booths, or a partition door in or on public transport.

Claim 24 (new): A method of installing a rolling door having a leaf which can be rolled up, a vertical roller casing, a sliding bar displaceable in a horizontal direction, a horizontal guide rail, and a holder, comprising the steps of:

fastening the roller casing on a wall on one side of a door opening,
cutting the guide rail and, if appropriate, a spindle to a length corresponding to an inside width of the door opening,
fastening the holder or, if appropriate, a counter-profile, on which the holder is fastened, on an other side of the door opening, and
fastening the guide rail and, if appropriate, the spindle between the roller casing and the holder.

Claim 25 (new): The rolling door as claimed in claim 14, wherein:
the guide rail is configured as a tube of essentially circular cross section, and
the pulling carriage has two pairs, arranged one behind the other, of running rollers which are arranged to sides of the pulling carriage, have a curved running surface and on which inner surfaces of the tube which are present alongside the slot.

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Claim 26 (new): The rolling door as claimed in claim 18, wherein the switch is arranged on an inner side of the roller casing.